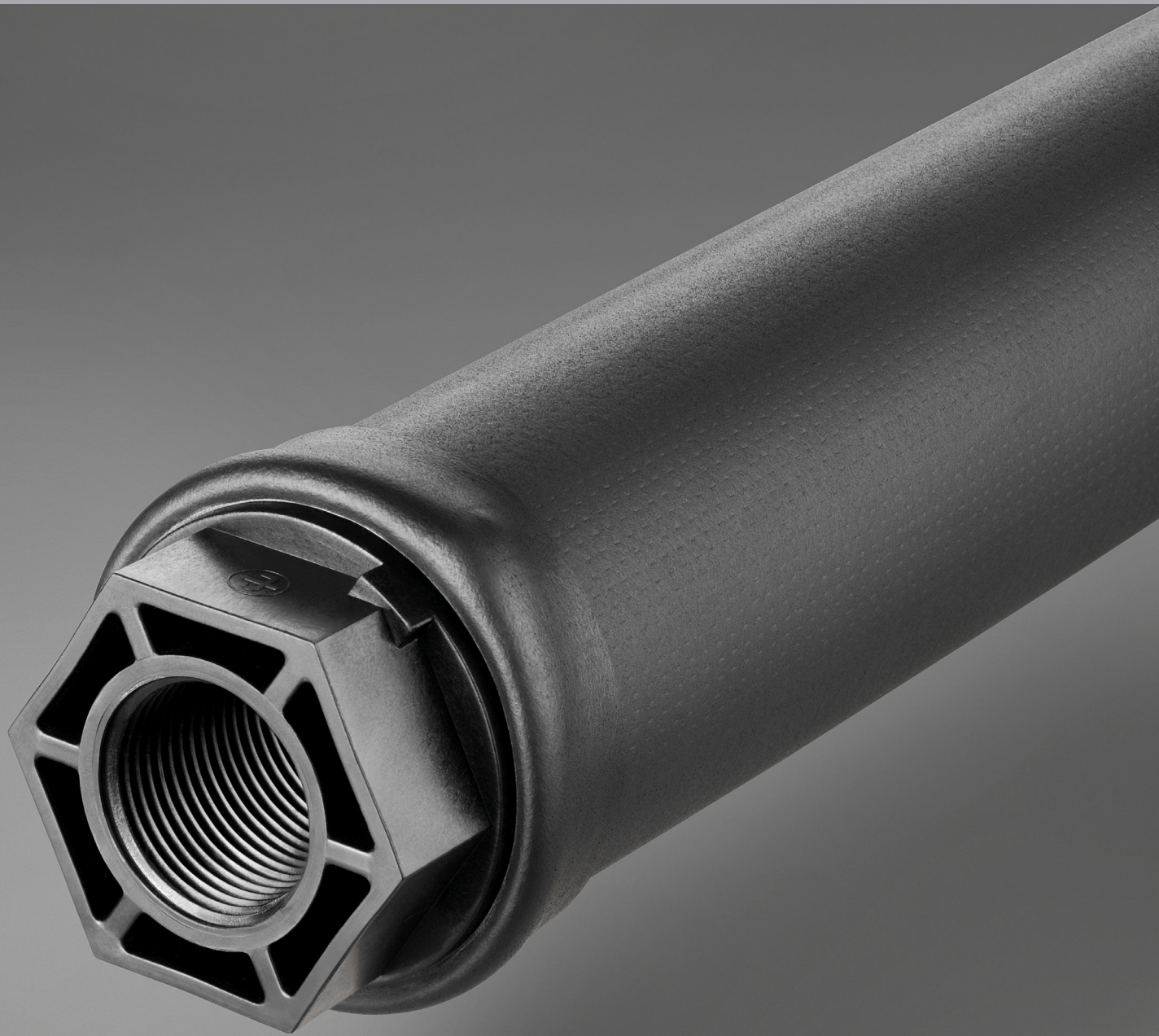


# JetFlex® TD 65-2 G

## Tube Diffuser



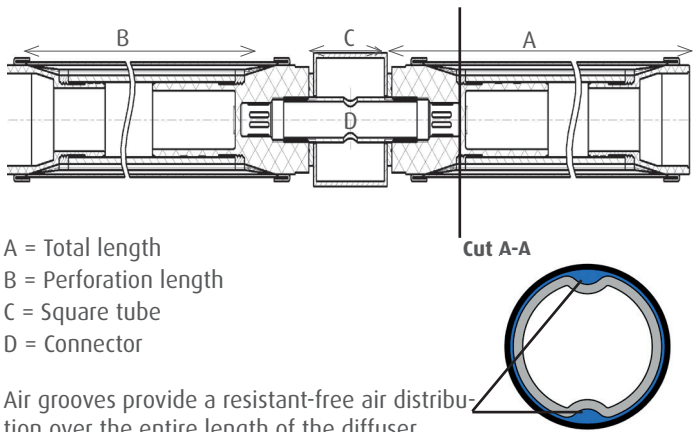


Dimensions

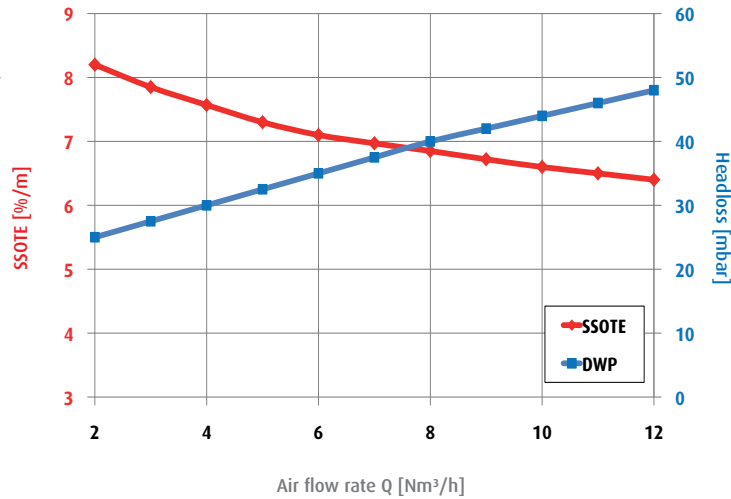
| Material | Tube diameter | ID-Sleeve | Wall thickness  |
|----------|---------------|-----------|-----------------|
| EPDM     | 63 mm         | ~ 65 mm   | 1.9 ± 0.15 mm   |
| Silicone | 63 mm         | ~ 65 mm   | 1.5 ± 0.15 mm   |
| PUR      | 63 mm         | ~ 65 mm   | 0.75 ± 0.025 mm |



Installation drawing



SSOTE and headloss for EPDM 1000 mm



| Perforation length [B] | Total length [A] | Perforated area |         | Air flow rate at standard operating conditions |             | Max. overload / maintenance air flow rate |          | Operating mode            |
|------------------------|------------------|-----------------|---------|------------------------------------------------|-------------|-------------------------------------------|----------|---------------------------|
|                        |                  | EPDM            | SI+PU   | EPDM + SI                                      | PU          | EPDM + SI                                 | PU       |                           |
| 1000 mm                | 1080 mm          | 0.18 m²         | 0.16 m² | 2 - 12 Nm³/h                                   | 3 - 8 Nm³/h | 20 Nm³/h                                  | 16 Nm³/h | continuous / intermittent |
| 750 mm                 | 830 mm           | 0.135 m²        | 0.12 m² | 1.5 - 9 Nm³/h                                  | 2 - 6 Nm³/h | 15 Nm³/h                                  | 12 Nm³/h | continuous / intermittent |
| 500 mm                 | 580 mm           | 0.09 m²         | 0.08 m² | 1 - 6 Nm³/h                                    | 1 - 4 Nm³/h | 10 Nm³/h                                  | 8 Nm³/h  | continuous / intermittent |

Dimensions for connection to square pipes

| Connector [D]                | Connector length square tube 80 x 80 mm [C] | Connector length square tube 100 x 100 mm [C] | Drill hole for connector |
|------------------------------|---------------------------------------------|-----------------------------------------------|--------------------------|
| Pipe thread ISO 228 - G 1A   | 145 mm                                      | 165 mm                                        | 35 +1/-0 mm              |
| Pipe thread ISO 228 - G 3/4A | 145 mm                                      | 165 mm                                        | 28 +1/-0 mm              |

Please see our operation manuals for more details.



Membrane materials

| Material                         | Techn. standard   | EPDMperformance Plus | PUR         | Techn. standard   | Silicone    |
|----------------------------------|-------------------|----------------------|-------------|-------------------|-------------|
| Colour                           |                   | black                | transparent |                   | translucent |
| Plasticiser (%)                  |                   | 35                   | 0           |                   | 0           |
| Density (g/cm³)                  | DIN EN ISO 1183-1 | 1.11                 | 1.13        | DIN EN ISO 1183-1 | 1.16        |
| Tensile strength (N/mm²)         | DIN 53504         | >8,5                 | >45         | DIN 53504         | >9          |
| Elongation at break (%)          | DIN 53504         | >550                 | >450        | DIN 53504         | >900        |
| Tear strength (N/mm)             | DIN EN ISO 34-1   | >10                  | >35         | ASTM D 624 B      | >38         |
| Hardness (Shore A)               | DIN ISO 7619-1    | 43 ± 5               | 80 ± 5      | DIN 53505         | 60 ± 5      |
| Operating air temperature (°C)   |                   | 5 - 80               | 5 - 60      |                   | 5 - 100     |
| Operating water temperature (°C) |                   | 5 - 40               | 5 - 40      |                   | 5 - 40      |

Other materials

| Support tube   | SS clamp |
|----------------|----------|
| PP / PP 20% GF | 1.4301   |

Accessories



Please see our accessories catalogue for more details.



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